Title (en)

ENCRYPTION KEY DISTRIBUTION METHOD IN MOBILE BROADCASTING SYSTEM AND SYSTEM FOR THE SAME

Title (de)

VERFAHREN ZUR VERTEILUNG VON VERSCHLÜSSELUNGSSCHLÜSSELN IN EINEM MOBILEN RUNDFUNKSYSTEM UND SYSTEM DAFÜR

Title (fr)

PROCÉDÉ DE DISTRIBUTION DE CLÉS DE CHIFFREMENT DANS UN SYSTÈME DE DIFFUSION MOBILE ET SYSTÈME CORRESPONDANT

Publication

EP 2288071 A4 20170426 (EN)

Application

EP 09762664 A 20090610

Priority

- KR 2009003118 W 20090610
- KR 20080054826 A 20080611

Abstract (en)

[origin: EP2288071A2] An encryption key distribution method for service and content protection in a mobile broadcasting system, and a system for the samewhich includes generating, by a network, a first encryption key when the broadcast service is first provided; transmitting a generalized rights object message, which includes identification information for identifying the generated first encryption key, to the terminal; generating a second encryption key before the lifetime of the first encryption key expires; and transmitting the generalized rights object message, which includes identification information for identifying the generated second encryption key, to the terminal.

IPC 8 full level

H04L 9/08 (2006.01); **G06F 21/10** (2013.01); **H04L 29/06** (2006.01); **H04W 4/06** (2009.01); **H04W 4/50** (2018.01); **H04W 12/04** (2009.01)

CPC (source: EP KR US)

G06F 21/10 (2013.01 - EP US); **H04L 9/06** (2013.01 - KR); **H04L 9/08** (2013.01 - KR); **H04L 9/0891** (2013.01 - EP US); **H04L 63/068** (2013.01 - EP US); **H04W 4/50** (2018.01 - EP US); **H04W 12/041** (2021.01 - EP US); H04L 2209/601 (2013.01 - EP US); H04L 2209/80 (2013.01 - EP US); H04L 2463/062 (2013.01 - EP US); H04L 2463/101 (2013.01 - EP US); H04W 4/06 (2013.01 - EP US)

Citation (search report)

- [I] US 2007162399 A1 20070712 - MEDVINSKY ALEXANDER [US], et al
- [I] SAMSUNG ELECTRONICS: "TEK Management Method ; OMA-BCAST-v1_1-2008-0083-INP_TEK_Management_Method", 13 April 2008 (2008-04-13), pages 1 - 14, XP064030932, Retrieved from the Internet <URL:ftp/Public_documents/BCAST/BCASTv1_1/2008/> [retrieved on 20080613]
- [I] OMA OPEN MOBILE ALLIANCE: "Mobile Broadcast Services Architecture Draft Version 1.0-20 04 2005", INTERNET CITATION, 20 April 2005 (2005-04-20), XP002439100, Retrieved from the Internet <URL:http://member.openmobilealliance.org/ftp/Public_documents/bcast/Permanent_documents/> [retrieved on 20070622]
- [I] "Service and Content Protection for Mobile Broadcast Services ; OMA-TS-BCAST_SvcCntProtection-V1_0-20060224-D", no. 1.0, 24 February 2006 (2006-02-24), pages 1 - 106, XP064031849, Retrieved from the Internet <URL:ftp/Public_documents/BCAST/Permanent_documents/> [retrieved on 20060224]
- See references of WO 2009151277A2

Cited by

US10051337B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2288071 A2 20110223; **EP 2288071 A4 20170426**; CN 102067510 A 20110518; CN 102067510 B 20140820; JP 2011525076 A 20110908; JP 5489301 B2 20140514; KR 101465263 B1 20141126; KR 20090128862 A 20091216; US 2011096929 A1 20110428; US 8532298 B2 20130910; WO 2009151277 A2 20091217; WO 2009151277 A3 20100225

DOCDB simple family (application)

EP 09762664 A 20090610; CN 200980122311 A 20090610; JP 2011513423 A 20090610; KR 20080054826 A 20080611; KR 2009003118 W 20090610; US 99785009 A 20090610